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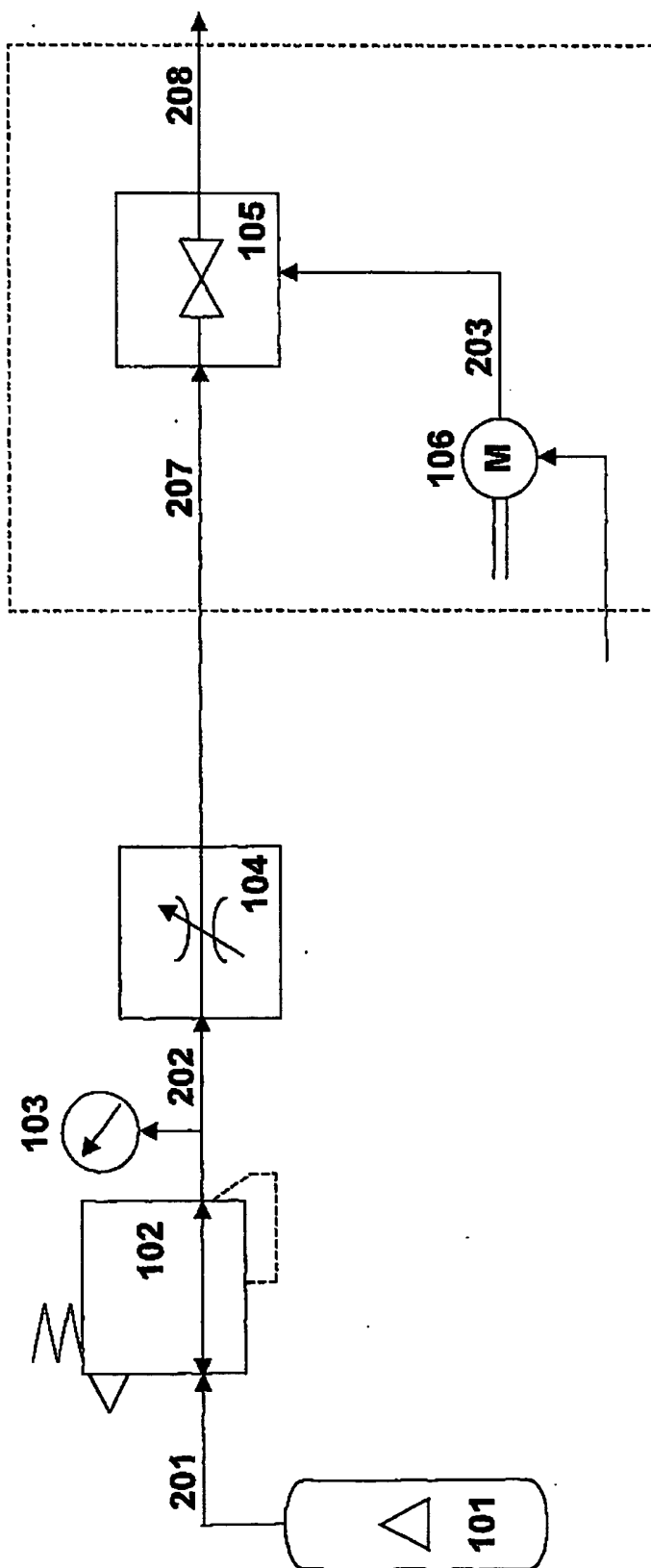


Fig. 1
Prior art

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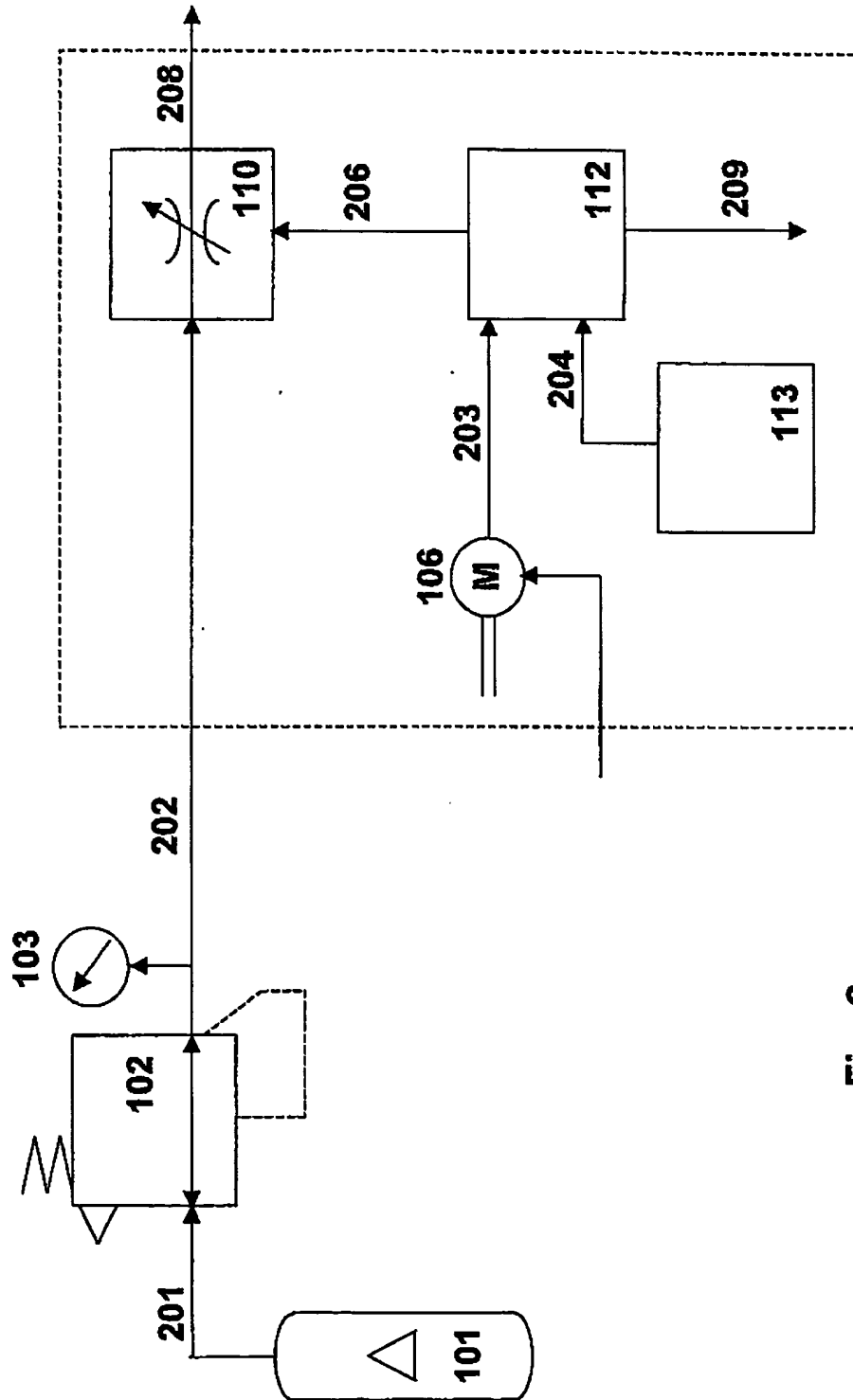


Fig. 2

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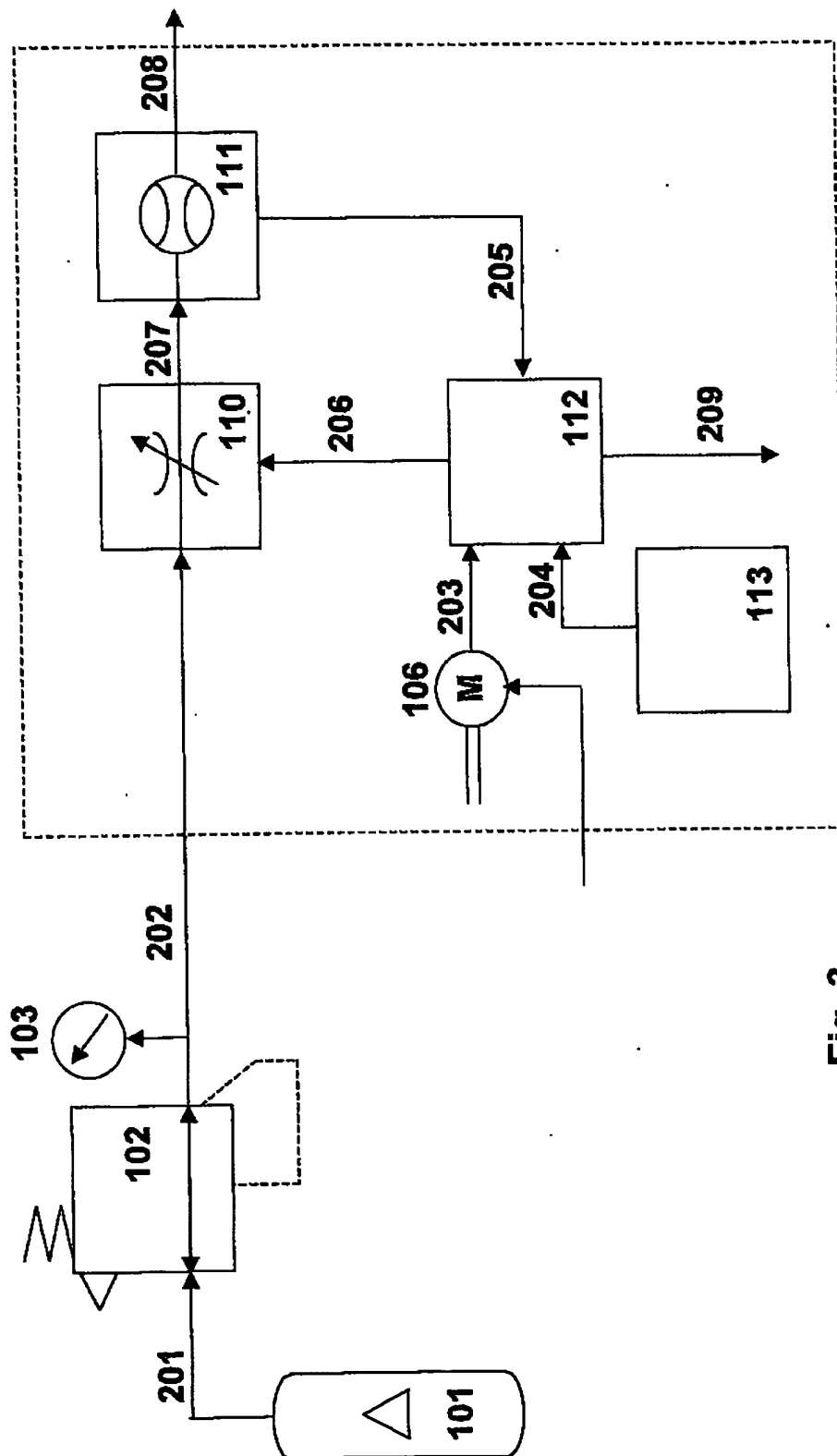


Fig. 3

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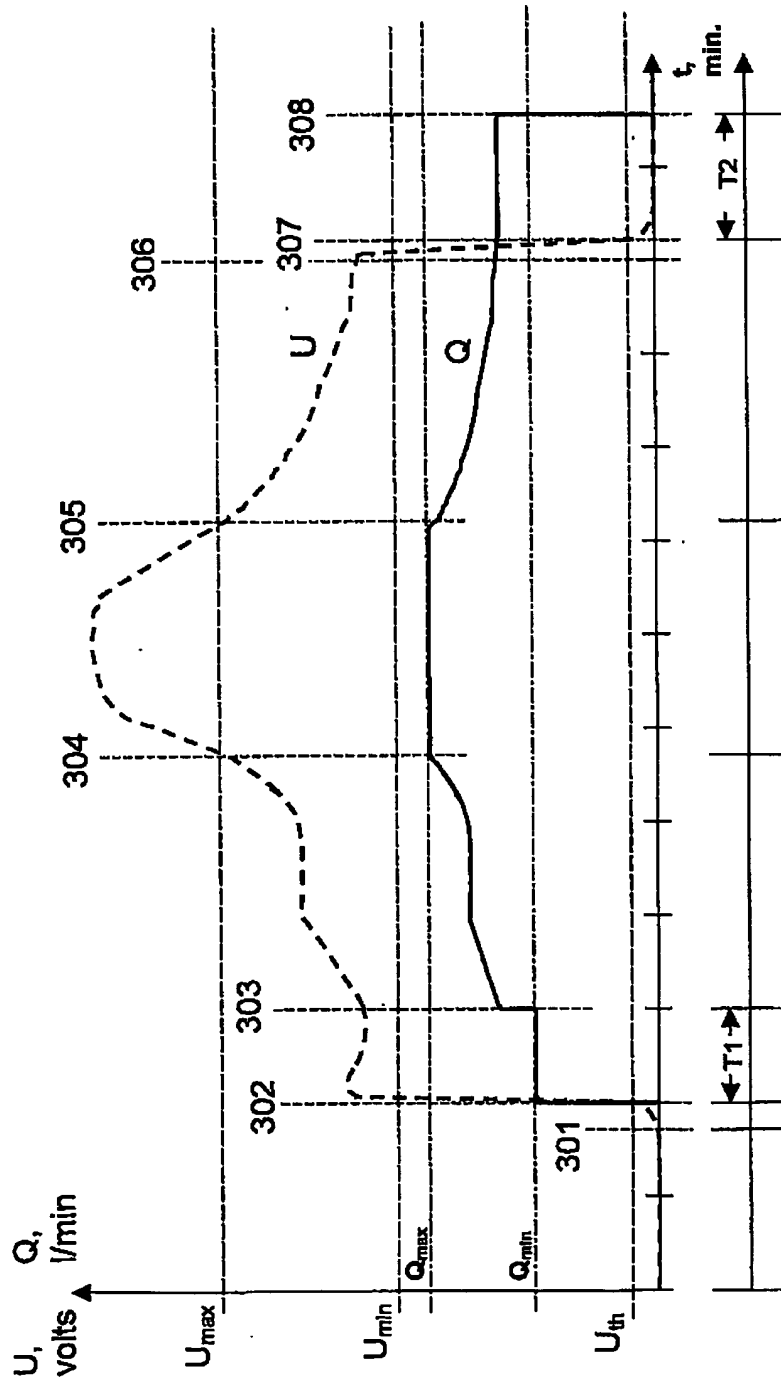


Fig. 4

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Control unit

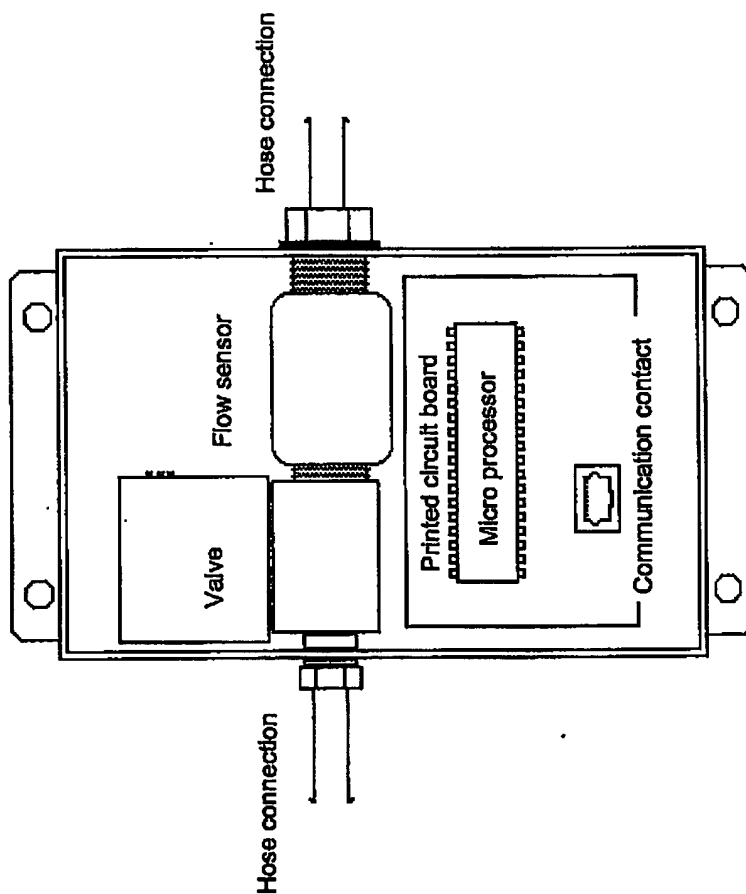


Fig. 5

Text2

Fetch factory setting

Fetch standard

Save as standard

Limiting currents for max/min gas amount

Lower limit

Upper limit

Start threshold

Amount of gas for upper/lower current levels

Minimum

Maximum

Gas control for start/stop

Start

Stop

Text2

Text2

Text2

Text2

Fig. 6

Valve solenoid is connected between K1 & K2
Operating voltage (max 50V, min 24V) is applied
between +U and earth
Control Voltage (max 24V) is applied
between Us and earth

